

Preparing D-(-)-Su's 1-R-substituted phenyl-2-difluoro acetoamin -3-fluoropropan from L type substituted phenyl serine ester

Patent number: CN1326926 **Also published as:**
Publication date: 2001-12-19  WO0309322
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Classification:
- **International:** C07C233/18; C07C231/10; C07C255/58; C07C317/32
- **european:**
Application number: CN20010113056 20010601
Priority number(s): CN20010113056 20010601

Abstract not available for CN1326926

Abstract of correspondent: **WO03093221**

This invention relates to the preparation of D-(-)-substituted phenyl-2-dichloroacetoamino-3-fluoro-1-propanol, the method involves using L type substituted phenyl serine ester extracted and purified from resolution waste liquid as raw material and through stepped reactions. The process is simple, high yielded, low costed and complete in configuration and is an effective and simple method of converting L type substituted phenyl serine ester to D type fluorothiamphenicol. The invention can prevent from disposing waste antimer produced in the resolution process of producing Florfenicol, reduce environmental pollution and has certain practical significance.

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